

References Cited in March 24, 1999 NMFS Listing Determination for 4 ESUs of Chinook Salmon (64 FR 14308)

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Federal Register Notices

- 56 FR 29542 (June 27, 1991)
- 56 FR 58612 (November 20, 1991)
- 58 FR 17573 (April 5, 1993)
- 59 FR 34270 (July 1, 1994)
- 59 FR 34272 (July 1, 1994)
- 59 FR 46808 (September 12, 1994)
- 60 FR 30263 (June 8, 1995)
- 61 FR 4722 (February 7, 1996)
- 62 FR 38479 (July 18, 1997)
- 63 FR 11482 (March 9, 1998)
- 63 FR 16955 (April 7, 1998)
- 63 FR 30455 (June 4, 1998)

Published Reports and Memoranda

- Arkoosh, M. R., E. Casillas, E. Clemons, A.N. Kagley, R. Olson, P. Reno and J.E. Stein. 1998a. Effect of pollution on fish diseases: potential impacts on salmonid populations. *Journal of Aquatic Animal Health* 10: 182-190.
- Arkoosh, M.R., E. Casillas, P. Huffman, E. Clemons, J. Evered, J.E. Stein and U. Varanasi. 1998b. Increased susceptibility of juvenile chinook salmon from a contaminated estuary to *Vibrio anguillarum*. *Transactions of the American Fisheries Society* 127: 360-374.
- Big Eagle & Associates, and LGL Limited (BE and LGL). 1995. Chinook salmon catch, escapement, and historical abundance data. Report prepared for NOAA, NMFS, Northwest Fisheries Science Center. (Available from Natl. Mar. Fish. Serv., 2725 Montlake Blvd. E., Seattle, WA 98112.)
- Bishop, S., and A. Morgan, (eds.). 1996. Critical habitat issues by basin for natural chinook salmon stocks in the coastal and Puget Sound areas of Washington State. Northwest Indian Fisheries Commission, Olympia, WA, 105 p. (Available from Northwest Indian Fisheries Commission, 6730 Martin Way E., Olympia, WA 98506.)
- Bledsoe, L.J., D.A. Somerton, C.M. Lynde. 1989. The Puget Sound runs of salmon: an examination of the changes in run size since 1896. p. 50-61 *In:* C.D. Levings, L.B. Holtby, and M.A. Henderson (eds.) *Proceedings of the national workshop on effects of habitat alteration on salmonid stocks* Canadian Special Publication Fisheries and Aquatic Sciences. No. 105.
- Bottom, D.L., P.J. Howell, and J.D. Rodgers. 1985. The effects of stream alterations on salmon and trout habitat in Oregon. OR. Dep. Fish Wildlife., Portland, OR, 70 p. (Available from Oregon

Department of Fish and Wildlife, P.O. Box 59, Portland, OR 97207.)

Bugert, R.M. 1996. Potential to increase anadromous salmonid productivity in the mid-Columbia region using artificial propagation. Mid-Columbia Mainstem Conservation Plan. (Available from the Chelan County Public Utility District, P.O. Box 1231, Wenatchee, WA, 98807-7231.)

Chapman, D., A. Giorgi, M. Hill, A. Maule, S. McCutcheon, D. Park, W. Platts, K. Prat, J. Seeb, L. Seeb and others. 1991. Status of Snake River chinook salmon. Pacific Northwest Utilities Conference Committee, 531 p. (Available from Don Chapman Consultants, 3653 Rickenbacker, Ste. 200, Boise, ID 83705.)

Chapman, D., C. Peven, A. Giorgi, T. Hillman, and F. Utter. 1995. Status of spring chinook salmon in the mid-Columbia River. Don Chapman Consultants, Inc., 477 p. (Available from Don Chapman Consultants, 3653 Rickenbacker, Ste. 200, Boise, ID 83705.)

Crawford, B. 1998. Letter from B. Crawford (Washington Department of Fish and Wildlife (WDFW)) to R. Waples (Conservation Biology Division, Northwest Fisheries Science Center) dated 10 October 1998. 3 p. + attachment.

Fulton, L. A. 1968. Spawning areas and abundance of chinook salmon (*Oncorhynchus tshawytscha*) in the Columbia River Basin - past and present. United States Fish and Wildlife Service Special Scientific Report Fisheries No. 571. 26 p.

Hare, S.R., N.J. Mantua, and R.C. Francis. 1999. Inverse production regimes: Alaska and West Coast Pacific salmon. *Fisheries* 24:6-14.

Healey, M.C. 1991. The life history of chinook salmon (*Oncorhynchus tshawytscha*). In C. Groot and L. Margolis (eds.), *Life history of Pacific salmon*, p. 311-393. Univ. B.C. Press, Vancouver, B.C.

Howell, P., K. Jones, D. Scarneccchia, L. LaVoy, W. Knedra, and D. Orrmann. 1985. Stock assessment of Columbia River anadromous salmonids. Vol: I. U.S. Dep. Energy, Bonneville Power Administration. Project No. 83-335, 558 p.

Howell, P., J. Hutchinson, and R. Hooton. 1988. McKenzie subbasin fish management plan. Oreg. Dep. Fish Wildl. (Available from Oregon Department of Fish and Wildlife, 2501 SW First Avenue, PO Box 59, Portland, OR 97207.)

Kostow, K., (editor). 1995. Biennial report on the status of wild fish in Oregon. Oreg. Dep. Fish Wildl. Internal Report. (Available from Oregon Department of Fish and Wildlife, P.O. Box 59, Portland, OR)

Marshall, A.R., C. Smith, R. Brix, W. Dammers, J. Hymer, and L. LaVoy. 1995. Genetic diversity

units and major ancestral lineages for chinook salmon in Washington. In C. Busack and J. B. Shaklee (eds.), Genetic diversity units and major ancestral lineages of salmonid fishes in Washington, p. 111-173. Wash. Dep. Fish Wildl. Tech. Rep. RAD 95-02. (Available from Washington Department of Fish and Wildlife, 600 Capital Way N., Olympia WA 98501-1091.)

Mathews, S.B. 1997. Analysis of chinook salmon harvest management. Consulting Report for Long-Live-the-Kings and Oregon Trout. 95 p

Matthews, G.M., and R.S. Waples. 1991. Status review for Snake River spring and summer chinook salmon. NOAA Tech. Memo. NMFS F/NWC-200, 75 p. (Available from Natl. Mar. Fish. Serv., Northwest Fisheries Science Center, Coastal Zone and Estuarine Studies Division, 2725 Montlake Blvd. E., Seattle, WA 98112-2097.)

Mattson, C.R. 1955. Sandy River and its anadromous salmonid populations. Oregon Fish Commission. (unpublished report) 15 p.

McCain, B. B. and six coauthors. 1988. Marine pollution problems, North American west coast. Aquatic Toxicology 11: 143-162.

Miller, R.J., and E.L. Brannon. 1982. The origin and development of life-history patterns in Pacific salmon. In E.L. Brannon and E.O. Salo (eds.), Proceedings of the Salmon and Trout Migratory Behavior Symposium, p. 296-309. Univ. Wash. Press, Seattle, WA.

Mullan, J.W., A. Rockhold, and C.R. Chrisman. 1992. Life histories and precocity of chinook salmon in the mid-Columbia River. Prog. Fish-Cult. 54:25-28.

Myers, J. M., Kope, R.G., Bryant, G.J., Teel, D., Lierheimer, L.J., Wainwright, T.C., Grant, W.S., Waknitz, F.W., Neeley, K., Lindley, S.T., and Waples, R.S. 1998. Status Review of Chinook Salmon from Washington, Idaho, Oregon and California. National Marine Fisheries Service. Northwest Fisheries Science Center. Southwest Fisheries Science Center [Published as NOAA Technical Memorandum NMFS-NWFSC-35]. February 1998.

National Marine Fisheries Service (NMFS). 1995. Endangered Species Act Section 7 Consultation (Biological Opinion) on the Land and Resource Management Plans for the Boise, Challis, Nez Perce, Payette, Salmon, Sawtooth, Umatilla and Wallowa-Whitman National Forests. March 1, 1995.

National Marine Fisheries Service (NMFS). 1996. Factors for decline: A supplement to the Notice of Determination for West Coast Steelhead under the Endangered Species Act. NMFS Protected Species Branch, Portland, OR, 82 p. + app.

National Marine Fisheries Service (NMFS). 1997. Investigation of scientific information on impacts of California sea lions and Pacific harbor seals on salmonids and on the coastal ecosystems of

Washington, Oregon and California. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-NWFSC-28. 172 p. (Available from Protected Resources Division, NMFS., 525 N.E. Oregon St., Suite 500, Portland, OR 97232.)

National Marine Fisheries Service (NMFS). 1998a. Status Review Update for West Coast Chinook Salmon (*Oncorhynchus tshawytscha*) from Puget Sound, Lower Columbia River, Upper Willamette River, and Upper Columbia River Spring-run ESUs. (Available from Protected Resources Division, NMFS., 525 N.E. Oregon St., Suite 500, Portland, OR 97232.)

National Marine Fisheries Service (NMFS). 1998b. Factors contributing to the decline of chinook salmon: an addendum to the 1996 West Coast steelhead factors for decline report. (Available from Protected Resources Division, NMFS., 525 N.E. Oregon Street, Portland, OR 97232.)

National Marine Fisheries Service (NMFS). 1998c. Endangered Species Act Section 7 Consultation (Biological Opinion) on the Land and Resource Management Plans for National Forests and Bureau of Land Management Resource Areas in the Upper Columbia River Basin and Snake River Basin Evolutionarily Significant Units. June 22, 1998.

National Marine Fisheries Service (NMFS) and others. 1998. Biological Assessment and Management Plan, Mid-Columbia River hatchery program. National Marine Fisheries Service, U.S. Fish and Wildlife Service, Washington Department of Fish and Wildlife, Confederated Tribes of the Yakama Indian Nation, Confederated Tribes of the Colville Indian Reservation, and the Confederated Tribes of the Umatilla Indian Reservation. Mid-Columbia Mainstem Conservation Plan. 135 pp. (Available from Protected Resources Division, NMFS., 525 N.E. Oregon St., Suite 500, Portland, OR 97232.)

National Marine Fisheries Service (NMFS). 1999a. Report to Congress - Impacts of California sea lions and Pacific harbor seals on salmonids and West Coast Ecosystems. Prepared by NMFS, February 10, 1999. (Available from Protected Resources Division, NMFS., 525 N.E. Oregon St., Suite 500, Portland, OR 97232.)

National Marine Fisheries Service (NMFS). 1999b. Evaluation of the status of chinook and chum salmon and steelhead hatchery populations for ESUs identified in final listing determinations. Memorandum from M. Schiewe thru U. Varanasi to W. Stelle, dated March 4, 1999. (Available from Protected Resources Division, NMFS., 525 N.E. Oregon St., Suite 500, Portland, OR 97232.)

National Marine Fisheries Service (NMFS). 1999c. Assessment of status of hatchery component of Cowlitz River spring chinook in the Lower Columbia ESU. Memorandum from S. Smith to G. Griffin, dated March 15, 1999. (Available from Protected Resources Division, NMFS., 525 N.E. Oregon St., Suite 500, Portland, OR 97232.)

National Research Council (NRC) 1995. Science and the Endangered Species Act. Washington,

D.C., National Academy Press.

Nicholas, J. 1995. Status of Willamette spring-run chinook salmon relative to the Federal Endangered Species Act. Report to the National Marine Fisheries Service. Oregon Department of Fish and Wildlife, 44 p.

Nickelson, T.E., J.W. Nicholas, A.M. McGie, R.B. Lindsay, D.L. Bottom, R.J. Kaiser, and S.E. Jacobs. 1992. Status of anadromous salmonids in Oregon coastal basins. OR. Dep. Fish Wildl., Research and Development Section and Ocean Salmon Management. Unpubl. manuscr., 83 p. (Available from Oregon Department of Fish and Wildlife, P.O. Box 59, Portland, OR 97207.)

Oregon Department of Fish and Wildlife (ODFW). 1991. Documents submitted to the ESA Administrative Record for Snake River fall chinook salmon. (Available from Protected Resources Division, Natl. Mar. Fish. Serv., 525 N.E. Oregon St., Suite 500, Portland, OR 97232.)

Oregon Department of Fish and Wildlife (ODFW). 1992. Clackamas River Subbasin. Fish Management Plan. 174 p.

Oregon Department of Fish and Wildlife (ODFW). 1994. (typographic error - see ODFW 1992)

Oregon Department of Fish and Wildlife (ODFW), and Washington Department of Fish and Wildlife (WDFW). 1995. Status report: Columbia River fish runs and fisheries 1938-94. Oreg. Dep. Fish Wildl., Wash. Dep. Fish Wildl., 291 p.

Oregon Department of Fish and Wildlife (ODFW). 1998. Documents submitted to the ESA Administrative Record for west coast chinook salmon by J.W. Greer, 13 October 1998. (Available from Protected Resources Division, NMFS, 525 N.E. Oregon St., Suite 500, Portland, OR 97232.)

Pacific Fishery Management Council (PFMC). 1996. Preseason report I: Stock abundance analysis for 1996 ocean salmon fisheries. Pacific Fishery Management Council, 50 p. + app. (Available from Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201.)

Pacific Fishery Management Council (PFMC). 1996b. Review of the 1995 ocean salmon fisheries. Pacific Fishery Management Council, 115 p. + app. (Available from Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201.)

Pacific Fishery Management Council (PFMC). 1997. Review of the 1996 ocean salmon fisheries. PFMC, 275 p. (Available from Pacific Fishery Management Council, 2130 SW Fifth Ave., Suite 224, Portland, OR 97201.)

Pacific Fishery Management Council (PFMC). 1997b. (typographic error - see PFMC 1997)

Pacific Salmon Commission (PSC). 1994. Pacific Salmon Commission Joint Chinook Technical Committee 1993 annual report. Pacific Salmon Commission. Report Chinook (94)-1, 121 p. + app. (Available from Pacific Salmon Commission, 600-1155 Robson St., Vancouver, B.C. V6E 1B5.)

Palmisano, J.F., R.H. Ellis, and V.W. Kaczynski. 1993. The impact of environmental and management factors on Washington's wild anadromous salmon and trout. Report for Washington Forest Protection Association and Washington Department of Natural Resources, Olympia, WA, 371 p.

Puget Sound Salmon Stock Review Group (PSSSRG). 1997. An assessment of the status of Puget Sound chinook and Strait of Juan de Fuca coho stocks as required under the Salmon Fishery Management. Pacific Fishery Management Council Review Draft, 78 p. (Available from the Pacific Fishery Management Council, 2130 Fifth Ave, Ste. 224, Portland, OR 97201.)

Puget Sound Water Quality Authority (PSWQA). 1988. Proceedings, First Annual Meeting on Puget Sound Research. Seattle, WA. 787 p.

Spence, B.C., G.A. Lomnický, R.M. Hughes, and R.P. Novitski. 1996. An ecosystem approach to salmonid conservation. TR-4501-96-6057. ManTech Environmental Research Services Corp., Corvallis, Oregon.

Spotts, J. 1995. Chinook salmon stocks/population status analysis. Submitted to the Administrative Record 16 Nov. 1995, 21 p. (Available from Protected Resources Division, Natl. Mar. Fish. Serv., 525 N.E. Oregon Street, Suite 500, Portland, OR 97232.)

StreamNet. 1998. Northwest Aquatic Information Network (Available through Online Internet database <http://www.streamnet.org/index.html>.)

Theis, L., and K. Melcher. 1995. Oregon Lower Columbia River fall and winter chinook spawning ground surveys, 1948-1994. Oreg. Dep. Fish Wildl., 13 p. (Available from Oregon Department of Fish and Wildlife, 2501 SW First Ave., PO Box 59, Portland, OR, 97207.)

U.S. Fish and Wildlife Service (USFWS). 1997. Documents submitted to the ESA Administrative Record for west coast chinook salmon by D. Finberg, 26 February 1997. 4 p. (Available from Protected Resources Division, National Marine Fisheries Service, 525 N.E. Oregon St., Suite 500, Portland, OR 97232).

Utter, F., G. Milner, G. Stahl, and D. Teel. 1989. Genetic population structure of chinook salmon (*Oncorhynchus tshawytscha*), in the Pacific Northwest. Fish. Bull. 87:239-264.

Utter, F. M., D. W. Chapman, and A. R. Marshall. 1995. Genetic population structure and history of chinook salmon of the Upper Columbia River. Am. Fish. Soc. Symp. 17:149-165.

Waknitz, F.W., G.M. Matthews, T. Wainwright, and G.A. Winans. 1995. Status review for Mid-Columbia River summer chinook salmon. NOAA Tech. Mem. NMFS-NWFSC-22, 80 p. (Available from Natl. Mar. Fish. Serv., Northwest Fisheries Science Center, Coastal Zone and Estuarine Studies Division, 2725 Montlake Blvd. E., Seattle, WA 98112-2097.)

Wallis, J. 1961. An evaluation of the McKenzie River Salmon Hatchery. Oregon Fish Commission Research Laboratory Report. 56 p.

Waples, R. S. 1995. Evolutionarily significant units and the conservation of biological diversity under the Endangered Species Act. American Fisheries Society Symposium 17:8-27.

Waples, R.S., J. Robert, P. Jones, B.R. Beckman, and G.A. Swan. 1991b. Status review for Snake River fall chinook salmon. NOAA Tech. Memo. NMFS F/NWC-201, 73 p. (Natl. Mar. Fish. Serv., Northwest Fisheries Science Center, Coastal Zone and Estuarine Studies Division, 2725 Montlake Blvd. E., Seattle, WA 98112-2097.)

Washington Department of Fisheries (WDF). 1951. Lower Columbia River fisheries development program. Cowlitz Area, Washington. 49 pp.

Washington Department of Fisheries (WDF), Washington Department of Wildlife (WDW), and Western Washington Treaty Indian Tribes (WWTIT). 1993. 1992 Washington State salmon and steelhead stock inventory (SASSI). Wash. Dep. Fish Wildl., Olympia, 212 p. + 5 regional volumes. (Available from Washington Department of Fish and Wildlife, 600 Capitol Way N., Olympia, WA 98501-1091.)

Washington Department of Fish and Wildlife (WDFW), and Oregon Department of Fish and Wildlife (ODFW). 1994. Status report: Columbia River fish runs and fisheries 1938-1993. Wash. Dep. Fish Wildl., Oreg. Dep. Fish and Wildl., 271 p.

Washington Department of Fish and Wildlife (WDFW). 1997c. Documents submitted to the ESA Administrative Record for west coast chinook salmon by C. Busack, February 1997. (Available from Protected Resources Division, Natl. Mar. Fish. Serv., 525 N.E. Oregon Street, Suite 500, Portland, OR 97232.)

Weitkamp, L. A., T. C. Wainwright, G. J. Bryant, G. B. Milner, D. J. Teel, R. G. Kope, and R. S. Waples. 1995. Status review of coho salmon from Washington, Oregon, and California. NOAA Tech. Memo. NMFS-NWFSC-24. 258 p. (Available from Protected Resources Division, NMFS., 525 N.E. Oregon Street, Portland, OR 97232.)